

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                                    | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L2    | 924  | 714/37.ccls.                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/08/04<br>14:49 |
| L3    | 460  | 714/36.ccls.                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/08/04<br>15:17 |
| S31   | 592  | 714/37.ccls.                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/28<br>08:03 |
| S32   | 334  | 714/36.ccls.                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/28<br>08:04 |
| S34   | 21   | 714/36.ccls. and nand                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/28<br>08:05 |
| S35   | 2    | ("6546517").PN.                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/28<br>08:15 |
| S36   | 25   | 714/37.ccls. and nand                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/28<br>08:26 |
| S37   | 3    | 714/42.ccls. and (nand adj<br>flash adj memory) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/28<br>08:28 |
| S38   | 10   | 714/6.ccls. and (nand adj<br>flash adj memory)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/28<br>08:30 |

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| S39 | 63   | 714/6.ccls. and (nand)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>08:32 |
| S40 | 65   | 714/42.ccls. and (nand)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>08:32 |
| S43 | 49   | 714/5.ccls. and nand   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>09:43 |
| S44 | 272  | 714/5.ccls. and flash  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>09:48 |
| S45 | 10   | ("20020188886"  <br>"20030005277"  <br>"20040025002"  <br>"20050251673"  <br>"5210854"   "5432927"  <br>"6473856"   "6591376"  <br>"6978363"   "7024581").<br>PN. OR ("7219221").URPN.         | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2008/02/28<br>10:13 |
| S46 | 7    | ("2003/0005277").URPN.   | USPAT   | OR | OFF | 2008/02/28<br>10:15 |
| S47 | 12   | ("20020026634"  <br>"20030028766"  <br>"20030066062"  <br>"5918048"   "6219828"  <br>"6314532"   "6341373"  <br>"6357021"   "6381741"  <br>"6446199"   "6708231").<br>PN. OR ("7043664").URPN. | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2008/02/28<br>10:27 |
| S48 | 1190 | 714/5.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>10:39 |
| S49 | 61   | 714/5.ccls. and metadata   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>10:39 |
| S50 | 12   | faulty with metadata   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>10:39 |

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| S51 | 174  | fault with metadata  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>10:40 |
| S52 | 77   | (block adj state adj<br>information)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>10:46 |
| S53 | 3    | (block adj state adj<br>information) with (fault<br>faults faulty)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>10:47 |
| S54 | 4    | (block adj state adj<br>information) with (error<br>errors)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>10:48 |
| S55 | 3074 | (state adj information)<br>with (fault faults faulty<br>failure fails fails error<br>errors)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:00 |
| S56 | 6    | (block adj state adj<br>information) with (fault<br>faults faulty failure fails<br>fails error errors)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:00 |
| S57 | 333  | ((state adj information)<br>with (fault faults faulty<br>failure fails fails error<br>errors)) and (flash adj<br>(memory media))                       | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:01 |
| S59 | 79   | ((state adj information)<br>with (fault faults faulty<br>failure fails fails error<br>errors)) and (flash adj<br>(memory media)) and<br>"714"/\$.ccls. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:02 |
| S60 | 1454 | (fault faults faulty error<br>errors failure fail fails<br>failed) with metadata   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:17 |
| S61 | 7    | (fault faults faulty error<br>errors failure fail fails<br>failed) with<br>metainformation   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:17 |

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| S62 | 12   | ((state adj information) with (fault faults faulty failure fails fails error errors)) with (flash adj (memory media)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:22 |
| S63 | 16   | ((meta adj information) with (fault faults faulty failure fails fails error errors)) with (flash adj (memory media))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:24 |
| S64 | 1356 | (error errors fail fails failed failure) with metadata  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:37 |
| S65 | 6    | ((fault faults faulty error errors failure fail fails failed) with metadata) and (memory adj error)                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:37 |
| S66 | 0    | ((bad) with metadata) and (memory adj error)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:39 |
| S67 | 52   | ((bad) with metadata)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:39 |
| S68 | 10   | ((bad) with metadata) and "714"/\$.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:39 |
| S69 | 0    | ((bad) with (block adj state adj information)) and "714"/\$.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:40 |
| S70 | 0    | ((bad) with (block adj state adj information))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:41 |
| S71 | 3512 | (meta adj information)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:41 |

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| S72 | 17 | (meta adj information) with corrupt\$4              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:42 |
| S73 | 0  | (block adj state adj information) with corrupt\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:43 |
| S74 | 37 | (meta adj data) with corrupt\$4                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:43 |
| S75 | 0  | ("2005/0246612").URPN.                              | USPAT   | OR | OFF | 2008/02/28<br>11:46 |
| S76 | 1  | 714/5.ccls. and (block adj state adj information)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:49 |
| S77 | 0  | 714/6.ccls. and (block adj state adj information)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:50 |
| S78 | 0  | 714/42.ccls. and (block adj state adj information)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:50 |
| S80 | 1  | 714/718.ccls. and (block adj state adj information) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:50 |
| S81 | 0  | 714/54.ccls. and (block adj state adj information)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:51 |
| S82 | 0  | 714/52.ccls. and (block adj state adj information)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:51 |
| S83 | 13 | 714/52.ccls. and (state adj information)            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:51 |

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| S84 | 14 | 714/54.ccls. and (state adj information)         | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:52 |
| S85 | 0  | 714/54.ccls. and (meta adj information)          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:53 |
| S86 | 0  | 714/52.ccls. and (meta adj information)          | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:53 |
| S87 | 10 | 714/42,5,6.ccls. and (meta adj information)      | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>11:54 |
| S88 | 0  | ("2005/0246612").URPN.                           | USPAT   | OR | OFF | 2008/02/28<br>11:56 |
| S89 | 0  | (check\$3 adj (block adj state adj information)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:03 |
| S90 | 0  | (test\$3 adj (block adj state adj information))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:04 |
| S91 | 0  | (test\$3 adj (meta adj information))             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:04 |
| S92 | 12 | (check\$3 adj (meta adj information))            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:04 |
| S93 | 59 | (check\$3 adj (meta adj data))                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:06 |
| S94 | 25 | (check\$3 adj (block adj information))           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:06 |

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| S95  | 9   | (test\$3 adj (meta adj data))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:12 |
| S96  | 55  | (test\$3 adj (metadata))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:13 |
| S97  | 197 | (check\$3 adj (metadata))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:15 |
| S98  | 36  | S97 and (flash adj memory)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:16 |
| S99  | 60  | ((verify verifies verifying) adj (metadata metainformation (block adj state adj information))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/28<br>12:28 |
| S100 | 653 | 714/37.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/24<br>20:55 |
| S101 | 376 | 714/36.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/24<br>21:24 |
| S102 | 168 | (boot) with (nand adj flash adj memory)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/19<br>22:38 |
| S103 | 9   | ((boot) with (nand adj flash adj memory)) and "714"/\$.ccls.                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/19<br>22:39 |
| S104 | 2   | ("6901493"   "7009896"). PN. OR ("7203828").URPN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2008/12/19<br>22:41 |
| S105 | 2   | ("6901493"   "7009896"). PN. OR ("7203828").URPN.  | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2008/12/19<br>22:43 |

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| S106 | 23     | (bios) with (nand adj flash adj memory)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/19<br>22:44 |
| S107 | 1      | 2007-737865.NRAN.   | DERWENT   | OR | OFF | 2008/12/19<br>22:47 |
| S108 | 4310   | (bios) with (flash adj memory)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/19<br>22:48 |
| S109 | 354    | ((boot) with (flash adj memory)) and "714"/\$.<br>ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/19<br>22:53 |
| S110 | 0      | ("2002/0184435").URPN.  | USPAT   | OR | OFF | 2008/12/19<br>22:57 |
| S111 | 21     | ("5568641"   "5579522"  <br>"5603011"   "5805882").<br>PN. OR ("5918047").URPN.                 | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2008/12/19<br>23:05 |
| S112 | 1      | 10/597353   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>15:07 |
| S113 | 668639 | (page wtih parallel with<br>boot with (data adj block<br>blocks))                               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>15:54 |
| S114 | 668630 | (page wtih parallel with<br>boot with (data adj (block<br>blocks)))                             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>15:54 |
| S115 | 6989   | (page wtih parallel with<br>boot with (data adj (block<br>blocks))) and faulty                  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>15:55 |
| S116 | 1574   | (page wtih parallel with<br>boot with (data adj (block<br>blocks))) and faulty and<br>redundant | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>15:55 |
| S117 | 0      | page with backup with<br>faulty   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>15:56 |



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| S118 | 15  | page with backup with fault   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>15:56 |
| S119 | 213 | (page with backup) and fault  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>15:59 |
| S120 | 125 | (page with redundant) and fault   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>16:41 |
| S121 | 109 | (page with (redundant backup)) and fault and (flash adj memory)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>17:13 |
| S122 | 62  | ("20020028541"  <br>"20020085431"  <br>"20020162062"  <br>"20030021176"  <br>"20030115514"  <br>"20030115518"  <br>"20030120858"  <br>"20040100831"  <br>"20040255089"  <br>"20050078537"  <br>"4646266"   "5130777"  <br>"5278839"   "5313425"  <br>"5432729"   "5469450"  <br>"5498979"   "5579265"  <br>"5642318"   "5701267"  <br>"5708667"   "5748545"  <br>"5751647"   "5757700"  <br>"5784391"   "5796694"  <br>"5831989"   "5835396"  <br>"5835509"   "5872790"  <br>"5909049"   "5920502"  <br>"5943254"   "5986950"  <br>"6016269"   "6026476"  <br>"6034882"   "6055180"  <br>"6185122"   "6205564"  <br>"6216247"   "6236587"  <br>"6407953"   "6420215"  <br>"6438044"   "6446242"  <br>"6462988"   "6487749"  <br>"6498749"   "6515923"  <br>"6525953"   "6545501"  <br>"6567287"   "6574145"  <br>"6591394"   "6597595"  <br>"6658438"   "6661730"  <br>"6728126"   "6728149"  <br>"6868022").PN. OR | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2009/07/08<br>17:22 |

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|      |     | ("7277336").URPN.   |   |    |     |                     |
| S123 | 15  | S122 and page   | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2009/07/08<br>17:22 |
| S124 | 762 | 714/37.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>17:39 |
| S125 | 412 | 714/36.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/07/08<br>17:42 |
| S128 | 746 | (page with stor\$3 with<br>parallel) and (program<br>instructions)                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/25<br>22:55 |
| S129 | 50  | (page with stor\$3 with<br>parallel) and (program<br>instructions) and "714"/\$.<br>ccls.     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/25<br>22:55 |
| S130 | 10  | parallel adj memory adj<br>pages  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/25<br>23:05 |
| S131 | 15  | parallel adj memory adj<br>page   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/25<br>23:07 |
| S132 | 13  | backup adj memory adj<br>page   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/25<br>23:10 |
| S133 | 6   | redundant adj memory adj<br>page  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/25<br>23:55 |
| S134 | 45  | backup adj page   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/25<br>23:58 |
| S137 | 5   | ("5128944"   "5495447"  <br>"5907671"   "6154872"  <br>"6349390").PN. OR<br>("7055072").URPN. | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2010/01/26<br>21:25 |

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| S138 | 28  | ("4510673"   "4547882"  <br>"4772963"   "4931997"  <br>"4953277"   "5084843"  <br>"5126889"   "5256578"  <br>"5360747"   "5406566"  <br>"5450426"   "5457408"  <br>"5627838"   "5642307"  <br>"5664093"   "5725559"  <br>"5818848"   "5867714"  <br>"5892683"   "5905887"  <br>"5907671"   "5917833"  <br>"6018686").PN. OR<br>("6154872").URPN. | US-PGPUB;<br>USPAT; USOCR                               | OR | OFF | 2010/01/26<br>21:29 |
| S140 | 473 | bios and page and 714/1-<br>57.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/26<br>23:17 |
| S141 | 0   | bios and page and 714/1-<br>57.ccls. and (backup adj<br>bios)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/26<br>23:18 |
| S142 | 127 | bios and page and 714/1-<br>57.ccls. and (backup)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/26<br>23:19 |
| S143 | 831 | 714/37.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/31<br>22:21 |
| S144 | 438 | 714/36.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2010/01/31<br>22:25 |

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